

## Storm Data and Unusual Weather Phenomena - January 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### IOWA, Southwest

#### (IA-Z090) FREMONT

01/03/09 13:00 CST	0	Winter Weather
01/03/09 18:00 CST	0	

An Arctic cold front that moved across the Omaha metro area during the early afternoon of January 3 caused a light drizzle that was falling across the area to freeze quickly. Temperatures which were a few degrees above freezing before the front passed dropped into the 20s within an hour. At Omaha-Eppley the temperature dropped from 34 at 104 pm to 28 at 123 pm.

#### (IA-Z056) SHELBY

01/12/09 12:00 CST	0	Blizzard
01/12/09 19:00 CST	0	

#### (IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE

01/12/09 13:30 CST	0	Winter Weather
01/12/09 18:00 CST	0	

Intense low pressure that tracked from southeast South Dakota into Iowa brought strong winds...snow and areas of poor visibilities in blowing snow to much of eastern Nebraska and parts of western Iowa. Morning temperatures that were in the 30s fell into the teens by afternoon as northwest winds gusted between 45 and 55 mph over much of the region. Several highways and Interstate 80 in west central Iowa were closed during the afternoon and evening due to near blizzard conditions, with numerous accidents reported.

#### (IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE

01/14/09 06:00 CST	0	Cold/Wind Chill
01/15/09 05:00 CST	0	

Arctic air plunged southeast across eastern Nebraska and southwest Iowa on January 14th and 15th. Temperatures in southwest Iowa fell into the single digits during the morning hours of 1/14, recovered a little in the afternoon and then fell to 5 below to 20 below, or a bit colder, by the morning of the 15th. Northwest winds of 20 to 30 mph with higher gusts were observed into the afternoon of the 14th before subsiding in the afternoon and evening. This produced wind chill values of 20 below to 30 below zero over much of the region. Winds continued to decrease during the early morning hours of 1/15, and by 5am CST most recorded speeds were less than 10 mph.

### NEBRASKA, East

#### (NE-Z052) DOUGLAS, (NE-Z053) SARPY

01/03/09 13:00 CST	0	Winter Weather
01/03/09 18:00 CST	0	

An Arctic cold front that moved across the Omaha metro area during the early afternoon of January 3 caused a light drizzle that was falling across the area to freeze quickly. Temperatures which were a few degrees above freezing before the front passed dropped into the 20s within an hour. At Omaha-Eppley the temperature dropped from 34 at 104 pm to 28 at 123 pm.

#### (NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z032) STANTON

01/12/09 12:00 CST	0	Blizzard
01/12/09 19:00 CST	0	

#### (NE-Z016) ANTELOPE, (NE-Z031) MADISON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z044) DODGE, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS

01/12/09 13:30 CST	0	Winter Weather
01/12/09 19:00 CST	0	

#### (NE-Z030) BOONE, (NE-Z042) PLATTE

01/12/09 14:35 CST	0	High Wind (MAX 50 kt)
01/12/09 15:10 CST	0	

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Intense low pressure that tracked from southeast South Dakota into Iowa brought strong winds...snow and areas of zero visibilities in blowing snow to much of eastern Nebraska. Especially hard hit was northeast Nebraska where many highways were closed during the afternoon and evening due to blizzard or near blizzard conditions, with numerous accidents reported. In addition, several schools in northeast Nebraska didn't dismiss students and only released them if they were picked up by parents or a designee. Morning temperatures that were in the 30s and even some lower 40s fell into the teens by afternoon as northwest winds gusted between 45 and 58 mph over much of the region.

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(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z067) CASS, (NE-Z068) OTOE, (NE-Z089) GAGE

01/14/09 06:00 CST	0	Cold/Wind Chill
01/15/09 05:00 CST	0	

Arctic air plunged southeast across eastern Nebraska and southwest Iowa on January 14th and 15th. Temperatures fell into the single digits above and below zero during the morning hours of 1/14, recovered a little in the afternoon and then fell to 5 below to 20 below, or a bit colder, by the morning of the 15th. Northwest winds of 20 to 30 mph with higher gusts were observed into the afternoon of the 14th before subsiding in the afternoon and evening. This produced wind chill values of 20 below to 30 below zero over much of the region. By around midnight on the 15th most reporting sites observed winds dropped below 10 mph and remained that way through the morning of the 15th. However, several locations, mainly south through southeast of Omaha, recorded wind speeds of 10 to 15 mph and wind chill values colder than 20 below through around 5am CST on the 15th.